MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.1.1   Funding Type: Project + MC   12/9/02 9:57:15 AM

Description: Pixels   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer		.1	.8	.5							1.4	.0
Electrical Engineer			.5	.3							.8	.0
Technicial		.1	1.0	.4							1.6	.0
Computer			1.0	.5							1.5	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.0	.3	3.3	1.6	.0	.0	.0	.0	.0	.0	5.2	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.1.2   Funding Type: Project + MC   12/9/02 9:57:16 AM

Description: Silicon Strip System   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer											.0	.0
Technicial	.0										.0	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.1.3   Funding Type: Project + MC   12/9/02 9:57:16 AM

Description: RODs   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu- lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer	.0	.1	.3	.2							.6	.0
Technicial	.0	.1	.1								.3	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.1	.2	.4	.2	.0	.0	.0	.0	.0	.0	.9	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.2.1   Funding Type: Project + MC   12/9/02 9:57:16 AM

Description: Barrel Mechanics   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer		.3									.3	.0
Electrical Engineer											.0	.0
Technicial	.3	1.3	.3								1.8	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.3	1.5	.3	.0	.0	.0	.0	.0	.0	.0	2.0	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.3.1   Funding Type: Project + MC   12/9/02 9:57:16 AM

Description: Barrel Cryostat   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer			1.3								1.3	.0
Electrical Engineer											.0	.0
Technicial			.4								.4	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	1.6	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.3.2   Funding Type: Project + MC   12/9/02 9:57:17 AM

Description: Feedthrough (FT)   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student	.2	.0									.2	.0
Mechanical Engineer											.0	.0
Electrical Engineer											.0	.0
Technicial	.1	.0									.2	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.3.3   Funding Type: Project + MC   12/9/02 9:57:17 AM

Description: Cryogenics   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu- lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer	.6	.9	.2								1.6	.0
Electrical Engineer											.0	.0
Technicial	.1	.2	.0								.3	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	2.0	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.3.6   Funding Type: Project + MC   12/9/02 9:57:17 AM

Description: System Crate Integration   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer	.1	.2	.1								.4	.0
Electrical Engineer	.0	.1	.1								.2	.0
Technicial	.5	1.6	2.8								4.9	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.6	1.9	3.1	.0	.0	.0	.0	.0	.0	.0	5.5	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.3.7   Funding Type: Project + MC   12/9/02 9:57:18 AM

Description: Front End Board   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer			.5	1.4							2.0	.0
Technicial			.4	1.6							2.0	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.0	.9	3.1	.0	.0	.0	.0	.0	.0	.0	4.0	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.3.8   Funding Type: Project + MC   12/9/02 9:57:18 AM

Description: Trigger Summation   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer		.2	.2								.3	.0
Technicial	.3	.9	.9								2.1	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.3	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	2.4	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.3.10   Funding Type: Project + MC   12/9/02 9:57:18 AM

Description: Forward Calorimeter   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer											.0	.0
Technicial	1.5	1.5	.5								3.5	.0
Computer	.3	.3									.6	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	1.8	1.8	.5	.0	.0	.0	.0	.0	.0	.0	4.1	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.4.1   Funding Type: Project + MC   12/9/02 9:57:19 AM

Description: Tile Calorimeter System-Specific   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer	.7	1.0	.9								2.6	.0
Electrical Engineer		.3	.1								.4	.0
Technicial	1.9	2.0	2.7								6.6	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	2.6	3.3	3.7	.0	.0	.0	.0	.0	.0	.0	9.6	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.5.4   Funding Type: Project + MC   12/9/02 9:57:19 AM

Description: CSC   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer											.0	.0
Technicial	.0	.2	.3	.1							.5	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.5	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.5.7   Funding Type: Project + MC   12/9/02 9:57:19 AM

Description: MDT   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer											.0	.0
Technicial		3.4	3.8	1.0							8.2	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.0	3.4	3.8	1.0	.0	.0	.0	.0	.0	.0	8.2	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.5.11

Funding Type: Project + MC

12/9/02 9:57:20 AM

Description: CSC Electronics

Institutions: All

Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer			.2								.2	.0
Technicial											.0	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0

1760 Hours per FTE year

MANPOWER ESTIMATE SUMMARY IN FTEs per

WBSNo: 1.5.12   Funding Type: Project + MC   12/9/02 9:57:20 AM

Description: Global Alignment System   Institutions: All   Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Calcu-lated Total	Entered
Faculty											.0	.0
Sr Research Scientist											.0	.0
Term Scientist											.0	.0
Post Doc											.0	.0
Grad Student											.0	.0
Mechanical Engineer											.0	.0
Electrical Engineer											.0	.0
Technicial		.7	.8	.2							1.8	.0
Computer											.0	.0
Designer											.0	.0
Adminsitrator											.0	.0
Contract Labor											.0	.0
TOTAL LABOR	.0	.7	.8	.2	.0	.0	.0	.0	.0	.0	1.8	.0

1760 Hours per FTE year